

What is claimed is:

1. A data gathering/data processing device for video/audio signals which includes a plurality of signal processors (14), wherein the signal processors (14) or a subset of the signal processors (14) are coupled to a network (28) having a star-shaped topology.
2. The data gathering/data processing device for video/audio signals as recited in Claim 1, wherein the signal processors (14) or a subset of the signal processors (14) are linked via the network (28) having a star-shaped topology.
3. The data gathering/data processing device for video/audio signals as recited in Claim 1 or 2, wherein the network (28) is integrated into the device.
4. The data gathering/data processing device for video/audio signals as recited in one of the preceding claims, wherein the network (28) forms a backbone for the device.
5. The data gathering/data processing device for video/audio signals as recited in one of the preceding claims, wherein the network (28) is designed according to the Ethernet standard.
6. The data gathering/data processing device for video/audio signals as recited in one of the preceding claims, wherein the data traffic on the network (28) proceeds according to the Ethernet standard.
7. The data gathering/data processing device for video/audio signals as recited in one of the preceding claims, wherein a hub, switch (30) or port for the network (28) is integrated into a housing (12) which accommodates the signal processors (14).

8. The data gathering/data processing device for video/audio signals as recited in one of the preceding claims,  
wherein a hub, switch (30) or port for the network (28) is situated externally with respect to the housing (12) which accommodates the signal processors.
9. The data gathering/data processing device for video/audio signals as recited in one of the preceding claims,  
wherein at least one connection (16) is provided for injecting video/audio signals.
10. The data gathering/data processing device for video/audio signals as recited in Claim 9,  
wherein at least two signal processors (22a, 22b; 26a, 26b) are assigned to one or more connections (18a; 18c).
11. The data gathering/data processing device for video/audio signals as recited in one of the preceding claims,  
wherein at least one connection (34) is provided for the transmission of data to a digital net.
12. The data gathering/data processing device for video/audio signals as recited in Claim 12,  
wherein the connection (34) is coupled to the network (28) of the device.
13. The data gathering/data processing device for video/audio signals as recited in Claim 11 or 12,  
wherein the connection (34) is coupled to a hub, switch (30) or port of the network (28) of the device.